

> d his

(FILE 'HOME' ENTERED AT 10:46:39 ON 15 APR 2005)

FILE 'INSPEC' ENTERED AT 10:47:34 ON 15 APR 2005

L1 22288 ELECTROLUMINE##### OR EL  
L2 1363 OLED OR OLED#  
L3 2634 ORGAN#### (A) LIGHT (A) EMITTING  
L4 2798 L2 OR L3  
L5 832 PLASMA (P) L1  
L6 0 CATHODE NAD ANODE  
L7 40034 HALOGEN##### OR HALOGEN OR FLUORINE OR CHLORINE OR IODINE OR BR  
L8 0 L7 (3A) PLASMA  
L9 355 L7 (3A) PLASMA  
L10 23066 L1 OR L2  
L11 23729 L10 OR L3  
L12 2 L9 AND L11  
L13 2 L9 AND L1  
L14 0 L9 AND L2  
L15 0 L9 AND L3  
L16 325377 ORGAN#####  
L17 24 L9 AND L16

FILE 'CA' ENTERED AT 11:04:56 ON 15 APR 2005

L18 60909 L1 OR L2 OR L3  
L19 21 L18 AND L9

FILE 'INSPEC' ENTERED AT 11:12:38 ON 15 APR 2005

FILE 'CA' ENTERED AT 11:12:42 ON 15 APR 2005

=> d 119 7 all

L19 ANSWER 7 OF 21 CA COPYRIGHT 2005 ACS on STN  
AN 139:140715 CA  
ED Entered STN: 21 Aug 2003  
TI Production method of **electroluminescent** device using passivation  
IN Yamazaki, Shunpei; Hiroki, Masaaki  
PA Semiconductor Energy Laboratory Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 11 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
IC ICM H05B033-10  
ICS C23C016-27; H05B033-14; H05B033-22  
CC 73-11 (Optical, Electron, and Mass Spectroscopy and Other Related Properties)

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003217845	A2	20030731	JP 2002-16258	20020125
PRAI JP 2002-16258		20020125		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 2003217845	ICM	H05B033-10
	ICS	C23C016-27; H05B033-14; H05B033-22

AB The invention refers to a production method of an **electroluminescent** device comprising an amorphous luminescent layer, wherein the luminescent layer is exposed to hydrogen or **halogen plasma** after forming, in order to inactivate unbonded sites and prevent deterioration of the layer by moisture or air.

ST **electroluminescent** device passivation hydrogen **halogen plasma** treatment

IT **Electroluminescent** devices  
Passivation  
Plasma  
    (production method of **electroluminescent** device using  
    passivation)  
IT Halogens  
RL: CPS (Chemical process); PEP (Physical, engineering or chemical  
process); PYP (Physical process); PROC (Process)  
    (production method of **electroluminescent** device using  
    passivation)  
IT 1333-74-0, Hydrogen, processes  
RL: CPS (Chemical process); PEP (Physical, engineering or chemical  
process); PYP (Physical process); PROC (Process)  
    (production method of **electroluminescent** device using  
    passivation)

=>